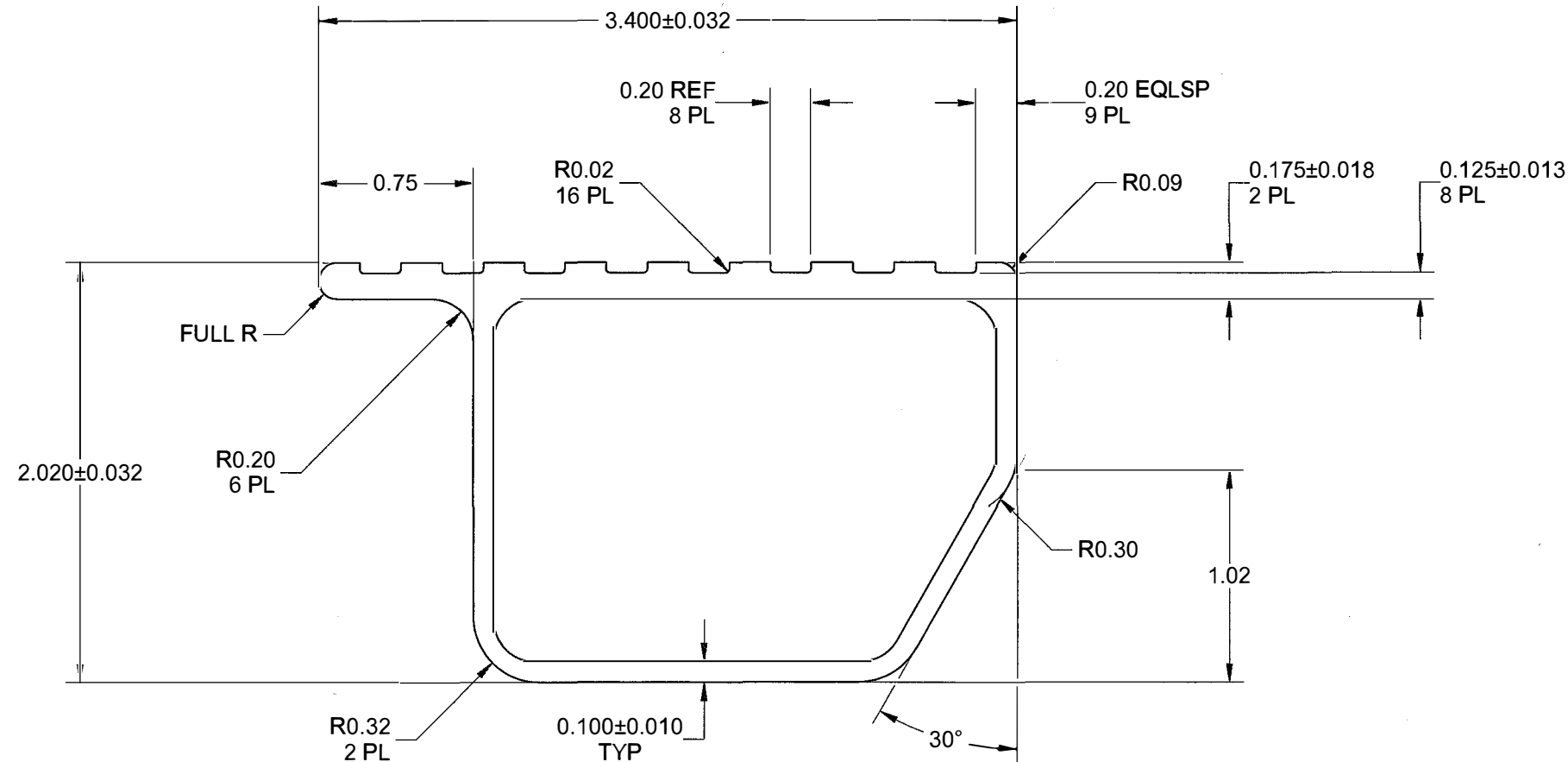


SPECIFICATION CONTROL DRAWING



D5747-XXX STEP EXTRUSION
(DERIVED FROM AERO DESIGN P/N 78230)

WHERE XXX IS THE LENGTH IN INCHES
(EX.: D5747-096 IS 96" LONG)

NOTES:

- 1) MATERIAL: 6061-T6 ALUMINUM PER AMS QQ-A-200/8 OR ASTM B221
MINIMUM TENSILE YIELD STRENGTH = 35 KSI
MINIMUM ULTIMATE TENSILE STRENGTH = 38 KSI
MINIMUM ELONGATION = 8%
A SAMPLE FROM EACH BATCH WILL BE PULL TESTED TO ASTM STANDARD B221 BY AN APPROVED TESTING FACILITY TO ENSURE THAT THE BATCH MEETS THE MINIMUM MECHANICAL PROPERTIES ABOVE
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
TWIST: 1/4°/1 FT, 3° MAX
FLATNESS: 0.006 IN/1 IN
STRAIGHTNESS: 0.0125 IN/1 FT
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N AND BATCH NUMBER PER DART QSI 044 SECTION 6.1
- 7) WEIGHT: 0.040 lb/in
- 8) NO TOOLING MARKS

RELEASED
2020 MAR 02
EON 2020-531

APPROVED

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REV.	DESCRIPTION	BY	DATE
DESIGN	KPT	DART AEROSPACE LTD	
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CHECKED	NO	DRAWING NO.	REV. A
MFG. APPR.	SH	D5747	SHEET 1 OF 1
APPROVED	NO	TITLE	SCALE
DE APPR.	DS	STEP EXTRUSION	NTS
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